

TRI DELTA FERTILIZER, INC.

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade name (as labeled): **Ammonium Sulphate 21-0-0-24s**

Chemical names, common: Ammonium Sulphate

Manufacturer's name: TRI DELTA FERTILIZER, INC

Address: 2829 W. Washington Street, Stockton, Ca 95203
P.O. Box 759, Stockton, Ca 95201

EMERGENCY PHONE: 800-424-9300 CHEMTREC

Business Phone: (209) 942-0417 Date Prepared: 8/27/97

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Number	Percent	Exposure Limit AGGIH(TLV) OSHA(PEL)
AMMONIUM SULPHATE	7783-20-0	100.00%	10mg/M ³

III. PHYSICAL PROPERTIES

Bulk Density: 54 Lbs. per cubic foot
Solubility in Water: Estimated 77 % initial
Appearance: White pellets

IV. FIRE AND EXPLOSION

Flash Point: NONFLAMMABLE
Autoignition temperature: NA
Fire extinguishing material: NA
Special firefighting procedures: NONE
Unusual fire and explosion hazards: NONE

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE:

Inhalation: May cause irritation to mucous membrane which disappears after exposure ceases.
Contact with skin or eyes: May cause skin irritation with prolonged exposure.
Absorption: NA
Swallowed: Oral Woman LDLO 800 mg/kg

HEALTH EFFECTS OR RISKS FROM EXPOSURE:

ACUTE: Acute intoxication is rare. Large doses usually result in vomiting and in the absence of pre-existing kidney damage, potassium is rapidly excreted. Overdoses will produce weakness, confusion, G.A. irritation, tingling of the skin, slow heart action, diarrhea, vomiting, and possible diuresis and systemic ammonia poisoning. Accidental ingestion not likely.

CHRONIC: Long term exposure to zinc compounds can result in damage to respiratory, urinary, blood, and reproductive systems.

FIRST AID:

Eye Contact: Irrigate eyes to remove dust and particles.
Skin Contact: Wash all exposed areas with soap and water.

Inhaled: Remove person to fresh air supply.
Swallowed: Drink milk or water to dissolve & rinse away and then induce vomiting.

SUSPECTED CANCER AGENT? NO

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

RECOMMENDATIONS TO PHYSICIAN: Contact Chemtrec 800-424-9300

VI. REACTIVITY DATA

Stability: STABLE

Incompatibility (materials to avoid): Aluminum powder, strong acids, corrosive to copper and brass. Incompatible with calcium hypochlorite, hot chlorinated rubber.

Hazardous decomposition products (including combustion products): Toxic and irritating fumes of ammonia and oxides of nitrogen can occur at temperatures over 100 C.

Hazardous polymerization: WILL NOT OCCUR

Conditions to Avoid: Contact with incompatible materials.

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures(including employee protection measures): Sweep and shovel into container, recycle for salvage.

Preparing wastes for disposal(container types, neutralization, etc.): No special preparation necessary.

Disposal of all wastes in accordance with Federal, State, and local regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Use local exhaust or dilution ventilation procedures - wear dust mask.

Eye Protection: Wear safety goggles or safety glasses.

Gloves: Ordinary work gloves. No special requirements.

Other clothing and equipment: No special clothing required - wash clothes daily.

Work practices: Wash skin with soap and water before eating or drinking.

Other handling and storage requirements: None

Protective measures during maintenance of contaminated equipment: No special procedures required.